Rec'd PCT/PTO 23 DEC 2004

WO 2004/005332

PCT/EP2003/007069 19/519328

Figure 1

QRDPVGRYEP	AGGDANRLRR PGGSYPAAAA AKVYSLFREO DAPVAGLOPV ERAOPGWGSP	60
REPTEAEARR	PSRAQQSRR	79

Figure 2

10/519328

LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 Q75412	
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 Q75412	LAAGALPLSGPPASSRTFNVALNARYSRSSAAAGAPSRASPGVPSERTRRTSKPGGA
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	ALQGLRPPPPPPPPPPPPPARPAVPGGQLHPNPGGHPAAAPFTKQGRQVVRSKVPQETQSGGGSNGHAADTLTATNFRVVI
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	RLQVHQKQQLQGVNVCGGRCCHGWSKAPGSQRCTKPSCVPPCQNGGMCLRPQLCVCKPGT
LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 O75412	KGKACETIAAQDTSSPVFGGQSPGAASSWGPPEQAA TGKLCQ-IPVHGASVPKLYQHSQQPGKALGTHVIHS TGRFCQVPAGGAGGGTGGSGPGLSRTGALSTGALPPLAPEG RGARCEEVIPDEEFDPQNSRLAPRRWAERSPNLRRSSAAGEGTLARAQPPAPQSPPAPQS AGKFCQLHSSGARPPAPAIPGLTR-SVYTMPLANHR * *: : : : : : : : : : : : : : : : : :
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	KHTSSKKADTLPRVSPVAQ-MTLTLKPKPSVGLPQQIHSQVTPLSSQSVVIHHGQTQEYV THTLPLTVTSQ
LTBL HUMAN LTBS_HUMAN Q9NSIS Q14767 . 075412	LKPKYFPAQKGISGEQSTEGSFPLRYVQDQVAAEHPSSPWGLNLTEKIKKIKIVFTPTICKQTCARGHCANSCERGDTTTLYSQGGHGHDPKS
LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 O75412	GFRIYFCQIPCLNGGRCIGRDECWCPANSTGKFCHLPIPQPDREPPGRGSRPRALLEAPL
LTBL HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	PFQLQGVKVKFPPNIVNIHVKHPPEASVQIHQVSRIDGPTGQKTKEAQPGQQGVKVKFPPNIVNIHVKHPPEASVQIHQVSRIDGPTGQKTKEAQPGQISAEVQAPPPVVNVRVHHPPEASVQVHRIESSNAESAAPSQHLP-H KQSTFTLPLSNQLASVNPSLVKVHIHHPPEASVQIHQVAQVRGGVEEALVENSVETRPPP
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	SQVSYQGLPVQKTQTIHSTYSHQQVIPHVYPVAAKTQLGRCFQETIGSQ-CU-KALPGLS SQVSYQGLPVQKTQTIHSTYSHQQVIPHVYPVAAKTQLGRCFQETIGSQ-CG-KALPGLS PKPSHPRPPTQKPLGRCFQDTLPKQPCGSNPLPGLT WLPASPGHSLWDSNNIPARSGEPPRPLPPAAPRPRGLLGRCYLNTVNGQCANPLLELT EAAARAEAAAPYTVLAQSAPREDGYSDASGFGYCFRELRGGECASPLPGLR : * *: : : * *
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	KQEDCCGTVGTSWGFNKCQKCPKKPSYHGYNQMMECLPGYKRVNNTFCQDINE KQEDCCGTVGTSWGFNKCQKCPKKPSYHGYNQMMECLPGYKRVNNTFCQDINE KQEDCCGSIGTAWGQSKCHKCPQLQYTGVQKPGPVRGEVGADCPQGYKRLNSTHCQDINE TQEDCCGSVGAFWGVTLCAPCPPRPASPVIENGQLECPQGYKRLNLTHCQDINE TQEVCCRGAGLAWGVHDCQLCSERLGNSERVSAPDGPCPTGFERVN-GSCEDVDE .** ** * * * * * * * * * * * * * * * *

Rec'd PCT/PTO 23 DEC 2004 10/519328 PCT/EP2003/007069

LTBL HUMAN LTBS HUMAN Q9NS15 Q14767 O75412	CQLQGVCPNGECLNTMGSYRCTCKIGFGPDPTFSSCVPDPPVISEEKGPCYRLVSSGRQC CQLQGVCPNGECLNTMGSYRCTCKIGFGPDPTFSSCVPDPPVISEEKGPCYRLVSSGRQC CAMPGVCRHGDCLNNPGSYRCVCPPGHSLGPSRTQCIADKPEEKSLCFRLVSPEHQC CLTLGLCKDAECVNTRGSYLCTCRPGLMLDPSRSRCVSDKAIS-MLQGLCYRSLGPG-TC CATGGRCQHGECANTRGGYTCVCPDGFLLDSSRSSCISQHVIS-EAKGPCFRVLRDG-GC. * * * * . * . * . * . * . * * *
LTBL HUMAN LTBS HUMAN Q9NST5 Q14767 O75412	MYPLSVHLTKQLCCCS-VGKAG-PHCEKCPLPGTAAFKEICPGGMGYTVSGVHRRRPIH- MYPLSVHLTKQLCCCS-VGKAG-PHCEKCPLPGTAAFKEICPGGMGYTVSGVHRRRPIH- QHPLTTRLTRQLCCCS-VGKAWGARCQRCPTDGTAAFKEICPAGKGYHILTSHQTLTIQ- TLPLAQRITKQICCCSRVGKAWGSECEKCPLPGTEAFREICPAGHGYTYASSDIRLSMR- SLPILRNITKQICCCSRVGKAWGRGCQLCPPFGSEGFREICPAGPGYHYSASDLRYNTRP *: .:*:*:**** ***
LTBL HUMAN LTBS HUMAN Q9NS15 Q14767 O75412	-HHVGKGPVFVKPKNTQPVAKSTHPPPLPAKEEPVEALTFSREHGARSAEPEVATAPPEK -HHVGKGPVFVKPKNTQPVAKSTHPPPLPAKEEPVEALTFSREHGARSAEPEVATAPPEK -GESDFS-LFLHPDGPPKPQQLPESPSQAPPPEDTEEERGVTTDSPVS -KAEEEELARPPREQGQRSSGALPG-PAERQPLRVVTDTWLEAGTIPDK LGQEPPRVSLSQPRTLPATSRPSAGFLPTHRLEPRPEPRPDPRPGPEFPLP ::*
LTBL HUMAN LTBS HUMAN Q9NS15 Q14767 O75412	EIPSLDQEKTKLEPGQPQLSPGISAIHLHPQFPVVIEKTSPPVPVEVAPEASTSSASQVI BIPSLDQEKTKLEPGQPQLSPGISAIHLHPQFPVVIEKTSPPVPVEVAPEASTSSASQVI EERSVQQSHPTATTTPARPYPELISRPSPPTMRWFLPDLPPSRSAVEI GDSQAGQVTTSVTHAPAWVTGNATTPPMPEQGIAEIQEEQVTPSTDVL SIPAWTGPEIPESGPSSGMCQRNPQVCGPGRCISRPSGYTCACDSGFRLSP
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	APTOVTEINECTVNP-DICGAGHCINLPVRYTCICYEGYRFSEQQRKCVDIDECTQVQHL *APTQVTEINECTVNP-DICGAGHCINLPVRYTCICYEGYRFSEQQRKCVDIDECTQVQHL APTQVTETDECRLNQ-NICGHGECVPGPPDYSCHCNPGYRSHPQHRYCVDVNECEAEPCG VTLSTPGIDRCAAGATNVCGPGTCVNLPDGYRCVCSPGYQLHPSQAYCTDDNECLRDPCQ QGTRCIDVDECRRVP-PPCAPGRCENSPGSFRCVCGPGFRAGPRAAECLDVDECHRVPPP :.* * . * * . * . * . * . * . * . * . *
LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 075412	CSQGRCENTEGSFLCICPAGFMASE - EGTNCIDVDECLR - PDVCGEG - HCVNTVGAFRC CSQGRCENTEGSFLCICPAGFMASE - EGTNCIDVDECLR - PDVCGEG - HCVNTVGAFRC PGRGICMNTGGSYNCHCNRGYRLHVGAGGRSCVDLNECAK - PHLCGDGGFCINFPGHYKC - GKGRCINRVGSYSCFCYPGYTLATSGATQECQDINECEQ - PGVCSGG - QCTNTEGSYHC CDLGRCENTPGSFLCVCPAGYQAAP HGASCQDVDECTQSPGLCGRG - ACKNLPGSFRC
LTBL HUMAN LTBS HUMAN Q9NS15 Q14767 O75412	EYCDSGYRMTQRGRCEDIDECL-NPSTCPDEQCVNSPGSYQCVPCTEGFRG-WNG-QC EYCDSGYRMTQRGRCEDIDECL-NPSTCPDEQCVNSPGSYQCVPCTEGFRG-WNG-QC N-CYPGYRLKASRPPVCEDIDECR-DPSSCPDGKCENKPGSFKCIACQPGYRS-QGGGAC E-CDQGYIMVRKGHCQDINECR-HPGTCPDGRCVNSPGSYTCLACEEGYRG-QSG-SC V-CPAGFRGSACEEDVDECAQEPPPCGPGRCDNTAGSFHC-ACPAGFRSRGPGAPC * *: * * . * . * * * * * * * * * * * * *
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	LDVDECLE - PNVCANGDCSNLEGSYMCSCHKGYTRTPDHKHCRDIDECQQGNLCVNGQCK LDVDECLE - PNVCANGDCSNLEGSYMCSCHKGYTRTPDHKHCRDIDECQQGNLCVNGQCK RDVNECAE - GSPCSPGWCENLPGSFRCTCAQGYAPAPDGRSCLDVDECEAGDVCDNGI CS VDVNECLT - PGVCAHGKCTNLEGSFRCSCEQGYEVTSDEKGCQDVDECASRASCPTGLCL QDVDECARSPPPCTYGRCENTEGSFQCVCPMGFQPNAAGSECEDVDECENHLACPGQE CV **:**
LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 O75412	NTEGSFRC-TCGQGYQLSAAKDQCEDIDECQHRHLCAHGQCRNTEGSFQCV-CDQGYR NTEGSFRC-TCGQGYQLSAAKDQCEDIDECQHRHLCAHGQCRNTEGSFQCV-CDQGYR NTPGSFQC-QCLSGYHLSRDRSHCEDIDECDFPAACIG
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	ASGLGDHCEDINECLEDKSVCQRGDCINTAGSYDCTCPDGFQLD-DNKTCQDINECEH-P ASGLGDHCEDINECLEDKSVCQRGDCINTAGSYDCTCPDGFQLD-DNKTCQDINECEH-P
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	GLCGPQGECLNTEGSFH GLCGPQGECLNTEGSFH SLCLPHGACKNLQGSYV EHCAPHGECLNSHGSFFCLCAPGFVSAEGGTSCQDVDECATTDPCVGGHCVNTEGSFN DLCQS-GICTNTDGSFECICPPGHRAGPDLASCLDVDECRERGPALCGSQRCENSPGSYR * * * * *
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767	CVCQQGFSISADG

Rec'd PST/PTO 23 DEC 2004 10/519328 PCT/EP2003/007069

075412	CVRDCDPGYHAGPEG-TCDDVDECQEYGPEICGAQRCENTPGSYRCTPACDPGYQPTPGG *: *: *:
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	TCEDIDECVNNTVCDSHGFCDNTAGSFRCLCYQGFQAPQDGQGCVDVNECELLSGVCGEA TCEDIDECVNNTVCDSHGFCDNTAGSFRCLCYQGFQAPQDGQGCVDVNECELLSGVCGEA GCEEVEQPHH
LTBL_HUMAN LTBS_HUMAN Q9NSI5 Q14767 O75412	FCENYEGSFLCVCADENQEYSPMTGQCRSRT FCENVEGSFLCVCADENQEYSPMTGQCRSR
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	STDLDVDVDQPKEEKKECYYNLNDASLCDNVLAPNVTKQECCCTSGAGWGDNCEIFPCPV STDLDVDVDQPKEEKKECYYNLNDASLCDNVLAPNVTKQECCCTSGAGWGDNCEIFPCPV STDLDVDVDQPKEEKKECYYNLNDASLCDNVLAPNVTKQECCCTSGAGWGDHCEIFPCPV MSEAPTGDHAPAPTRMDCYSGQKGHAPCSSVLGRNTTQAECCCTQGATWGDACDLCPS RRPSTPRQGPVGSGRRECYFDTAAPDACDNILARNVTWQECCCTVGEGWGSGCRIQQCPG ::**
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	LGTAEFTEMCPKGKGFVPAGESSSEAGGENYKDADECLLFGQEICKNGFCLNTRPGYECY LGTAEFTEMCPKGKGFVPAGESSSEAGGENYKDADECLLFGQEICKNGFCLNTRPGYECY YSSAEFHSLCPDGKGYTQDNNIVN-YGIPAHRDIDECMLFGSEICKEGKCVNTQPGYECY EDSAEFSEICPSGKGYIPVEGAWT-FGQTMYTDADECVIFGPGLCPNGRCLNTVPGYVCL TETAEYQSLCPHGRGYLAPSGDLSLRRDVDECQLFRDQVCKSGVCVNTAPGYSCY :**: .:** *:*:
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	CKQGTYYDPVKLQCFDMDECQDP-SSCIDGQCVNTEGSYNCFCTHPMVLDASEKRCIRPA CKQGTYYDPVKLQCFDMDECQDP-SSCIDGQCVNTEGSYNCFCTHPMVLDASEKRCIRPA CKQGFYYDGNLLECVDVDECLDE-SNCRNGVCENTRGGYRCACTPPAEYSPAQRQCLSPE CNPGFHYDASHKKCEDHDECQDLACENGECVNTEGSFHCFCSPPLTLDLSQQRCMNST CSNGYYYHTQRLECIDNDECADEEPACEGGRCVNTVGSYHCTCEPPLVLDGSQRRCVSNE * * : * : * * * * * * * * * * * * * * :::::*:
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	ESNEQIEETDVYQDLCWEHLSDEYVCSRPLVGKQTTYTECCCLYGEAWGMQCALCPLKDS ESNEQIEETDVYQDLCWEHLSDEYVCSRPLVGKQTTYTECCCLYGEAWGMQCALCPLKDS EMERAPERRDVCWSQRGEDGMCAGPLAGPALTFDDCCCRQGRGWGAQCRPCPPRGA SSTEDLPDHDIHMDICWKKVTND-VCSEPLRGHRTTYTECCCQDGKAWSQQCALCPPRSS SQSLDDNLGVCWQEVGADLVCSHPRLDRQATYTECCCLYGEAWGMDCALCPAQDS .:**.::**
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	DDYAQLCNIPVTGRR
LTBL_HUMAN LTBS_HUMAN Q9NSIS Q14767 Q75412	
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	ADPYFIQDRFLNSFEELQAEECGILNGCENGRCVRVQEGYTCDCLDGYHLDTAKMTCFDV ADPYFIQDRFLNSFEELQAEECGILNGCENGRCVRVQEGYTCDCLDGYHLDTAKMTCFDV SSEEDSDECRCVSGRCVPRPGGAVCECPGGFQLDASRARCVDI PHYVASHPEPPAGFEGLQAEECGILNGCENGRCVRVREGYTCDCFEGFQLDAAHMACVDV PEGGSYAGSLAEPYEELEAEECGILDGCTNGRCVRVPEGFTCRCFDGYRLDMTRMACVDI :::**
LTBL_HUMAN LTBS_HUMAN Q9NS15 Q14767 O75412	NECDELNNRMSLCKNAKCINTDGSYKCLCLPGYVPSDKPNYCTPLNTALNLEKDSDLE NECDELNNRMSLCKNAKCINTDGSYKCLCLPGYVPSDKPNYCTPLNTALNLEKDSDLE DECRELNQRGLLCKSERCVNTSGSFRCVCKAGFARSRPHGACVPQRRR NECDDLNGPAVLCVHGYCENTEGSYRCHCSPGYVAEAGPPHCTAKE NECDEAEAASPLCVNARCLNTDGSFRCICRPGFAPTHQPHHCAPARPRA :**::

Rec'd PET/PTO 23 DEC 2004 PCT/P2/03/09/09/3 28

Figure 3

	•
008999	
035806	
Q28019 Q14767	MVWIKEAKNOGEVSKNKTLOFSFRHLORPGESAKVOORIADSGRRSAKSRIGARSPRPLE
-	,
008999	Nesisekolikopolesiise
035806 Q28019	
Q14767	PRISCERESTARSTITECRIDOKERATOROPERSORATOROPUVSPRORSBRARACISERREG
008999	AMPADREADEGECTORIONOPORTATION CONTRACTORION
035806	MEAPTTARESECTORVRWROFIPLVTAVIMETSHAQRDSIGRYEPASRDANRLWHPVGS -MFAPTTVRCSGRTQRARWROFIPPLVLANIAWTSHAQRDSVGRYEPASRDANRLWRPVGN
Q28019	DIFFER THE PROPERTY OF THE PRO
Q14767	-MRPREKARSPGRALRNPWRGPLPDTIALEVGAGHAORDPVGRYEPAGGDANRLRRPGGS
008999	HPAAAAAKVYSLFREPDAPVPGLSPSEWNQPAQGNPGWLAEAEARRPPRTQQLRRVQPPV
035806	TPAAAAAVISUFKEPDAPVPGUSPSEWNOPGOGTPGRIAFAFAFAFAFAAAAVISUFKEPDAPVPGUSPSEWNOPGOGTPGRIAFAFAFAFAFAAAAA
Q28019	-PVVAIAAVISLEKEUDAPVKGSPPAELVOPSWGGDRDGTPAFADDDDDAGGDDDDAGDDDDA
Q14767	YPAAAAKVYSLFREQDAPVAGLQPVERAQPGWGSPRRPTEAEARRPSRAQQSRRVQPPA **:******* *** * * * * * * * * * * * *
008999	QTRRSHPRGQQQIAARAAPSVARLETPQRPAAARRGRLTGRNVCGGQCCPGWTT
035806	QIRRSNPRGQUFPAARTAHSVVRLATPORDAAADDGDI.TGDNT/CCCOCGDGt/mm
Q28019 Q14767	QIWKSKPSGQQQSAPRARAAPALPRLETVOR PRAARGRI.TGPMYCGCOCCDCWTT
Ø14101	QTRRSTPLGQQQPAPRTRAAPALPRLGTPQRSGAAPPTPPRGRLTGRNVCGGQCCPGWTT ** ** * *** :*: ** * **
008999	SNSTNHCIKPVCQPPCQNRGSCSRPQVCICRSGFRGARCEEVIPEEEFDPQNARPVPRRS
035806 028019	SNS INTCIAPYCQPPCQNRGSCSRPOLCICRSGFRGARCERYTDERFEDDONA DDVDDDD
Q14767	ANSINACIAPY COPPCONGSCSRPOLCY CRSGFRGARCERY TORRER TO DOMODDA DDDC
	ANSTNHCIKPVCEPPCQNRGSCSRPQLCVCRSGFRGARCEEVIPDEEFDPQNSRLAPRRW:***********************************
008999	VERAPGPHRSSEARGSLVTRIQPLVPPPSPPPSRRLSQPWPLQQHSGPSRTVR
035806	VEGAPGPHRSSEARGSLVTRIOPLLPPLPPPPSprisorppi ooubci comun
Q28019 Q14767	AEGPPS LKKS SVAKES TTAKVKPPAPOLORAR TT. GGT. GOTT GGOOD GOTT COUNTRY
Q14767	AERSPNLRRSSAAGEGTLARAQPPAPQSPPAPQSPPAGTLSGLSQTHPSQQHVGLSRTVR
008999	RYPATGANGQLMSNALPSGLELRDSSPOAAHVNHISPPWGLNLTEKTKKTKAVETETT
Ø35806	RIPAIGINGQLMSNALPSGPGPELRDSSOOAAHMNHLSHPWGLNI.TEKTKKIKKKETDTI
Q28019 Q14767	DIPAPAASGUTSNALPMGPGPERRDGAPOAAYLDRPSSSWGI,NT,TEKTKKTKTVETDTT
Q14767 .	LHPTATASSQLSSNALPPGPGLEQRDGTQQAVPLEHPSSPWGLNLTEKIKKIKIVFTPTI :*:.:.** **** *
008999	CKQTCARGRCANSCEKGDTTTLYSQGGHGHDPKSGFRIYFCQIPCLNGGRCIGRDECWCP
035806	CRQ1CARGRCANTCERGDTTTLYSOGGHGHDPKSGFRTVFCOTDCLMCGPCTGPDFCWCD
Q28019 Q14767	CNVICARGREAMSCERGUTTTLYSOSGHGHDPKSGFPTVFCOTDCTMCCDCTCDDFCWCD
QITIO	CKQTCARGHCANSCERGDTTTLYSQGGHGHDPKSGFRIYFCQIPCLNGGRCIGRDECWCP
008999	ANSTGKFCHLPVPQPDREPAGRGSRHRTLLEGPLKQSTFTLPLSNQLASVNPSLVKVQIH
035806	ANSIGKE CHDPVPQPDREPPGRGSOHRALLEGDI.KOGTETTI.DI.GNOLAGUNDGI UZUGMO
Q28019 Q14767	ANDIGATERILE OF PERCEPHENDER PROPERTY OF CHAIR CONTROL TARRETTO
***************************************	ANSTGKFCHLPIPQPDREPPGRGSRPRALLEAPLKQSTFTLPLSNQLASVNPSLVKVHIH
008999	HPPEASVQIHQVARVRGELDPVLEDNSVETRASHRPHGNLGHSPWASNSIPARAGEAPR-
035806	nFFEASVQINQVAKVKGEVDFVFEDNSVKTRASHDDHCQQCHQHWXQMQIDXDXCHXDD
Q28019 Q14767	TEPERS VOLUCIAR VICE ALLE APPENS VETROS DRILDA COCOLOGO TO A DECENDA DE L
Q14707	HPPEASVQIHQVAQVRGGVEEALVENSVETRPPPWLPASPGHSLWDSNNIPARSGEPRP
008999	PPPVLSRHYGLLGQCYLSTVNGQCANPLGSLTSQEDCCGSVGTFWGVTSCAPCPPRQEGP
035806	**************************************
Q28019 Q14767	PPPVVPKTPALLGKCTLSTLNGOCANPLPELTAHEDCCGGVGA DWGVTGGA DCDDD D
zV (LPPAAPRPRGLLGRCYLNTVNGQCANPLLELTTQEDCCGSVGAFWGVTLCAPCPPRP *** .**:***.*:***********************
008999	AFPVIENGQLECPQGYKRLNLSHCQDINECLTLGLCKDSECVNTRGSYLCTCRPGLMLDP
035806	AFPVIENGULECPUGIARLINI SHCODINECI, TI, GI, CKD SECUNTED CEVI, CTCD DCI MI, DD
Q28019 Q14767	MONATORIGUECHOGI KKTNATHCEDANECTALCLACEDCECANIMOCGALCACODCLATADO
	ASPVIENGQLECPQGYKRLNLTHCQDINECLTLGLCKDAECVNTRGSYLCTCRPGLMLDP

Rec'd PCT/PTO 23 DEC 2004 10/519328

O08999 O35806 Q28019 · Q14767	SRSRCVSDKAVSMQQGLCYRSLGSGTCTLPLVHRITKQICCCSRVGKAWGSTCEQCPLPG SRSRCVSDKAVSMKQGLCYRSMVSGTCTLPLVQRITKQICCCSRVGKAWGSKCEHCPLPG SRSRCVSDKAVSMQQGLCYRLLGPGTCALPLAQRITKQICCCSRVGKAWGSLCEKCPLPG SRSRCVSDKAISMLQGLCYRSLGPGTCTLPLAQRITKQICCCSRVGKAWGSECEKCPLPG ***********************************
O08999 O35806 . Q28019 Q14767	TEAFREICPAGHGYTYSSSDIRLSMRKAEEEELASPLREQTEQSTAPPPGQAERQPLRAA TEAFREICPAGHGYAYSSSDIRLSMRKAEEEELASPVREQRQQSSGPPPGAAERQPLRAA TEAFREICPAGHGYTYSSSDIRLSMRKAEEEELARPSRDRGPKRNGTLPRPAERQPLRAA TEAFREICPAGHGYTYASSDIRLSMRKAEEEELARPPREQGQRSSGALPGPAERQPLRVV ***********************************
008999 035806 Q28019 Q14767	TATWIEAETLPDKGDSRAVQITTSAPHLPARVPGDATGRPAPSLPGQGIPESPAEEQVIP TATWIEAETLPDKGDSRAIQITTSAPHLPARVPGDATGRPTPSLPGQGIPEGPAEEQVIP TGTWVEAETIPDKGDSQASQVTTSVTQLSTWVPGGALGTPTPSVPEQGIPEAREEAQVTA TDTWLEAGTIPDKGDSQAGQVTTSVTHAPAWVTGNATTPPMPEQGIAEIQEE-QVTP * **: * * : * * : * * : * * : * *
O08999 O35806 Q28019 Q14767	SSDVLVTHSPPDFDPCFAGASNICGPGTCVSLPNGYRCVCSPGYQLHPSQDYCTDDNECM SSDVLVTHGPPGFDPCFAGASNICGPGTCVKLPNGYRCVCSPGYQLHPSQDYCTDDNECL PTNVLVTPAPSGIDRCAAGATNICGPGTCVNLPDGYRCICSPGYRLHPSQAYCTDDNECL STDVLVTLSTPGIDRCAAGATNVCGPGTCVNLPDGYRCVCSPGYQLHPSQAYCTDDNECL .::**** *** ***************************
008999 035806 Q28019 Q14767	RNPCEGRGRCVNSVGSYSCLCYPGYTLVTLGDTQECQDIDECEQPGVCSGGRCSNTEGSY RNPCEGRGRCVNSVGSYSCLCYPGYTLATLGDTQECQDVDECEQPGVCSGGRCSNTEGSY RDPCKGRGRCVNRVGSYSCFCYPGYKLATSGATQECQDIDECEQPGVCSRGRCTNTEGSY RDPCQGKGRCINRVGSYSCFCYPGYTLATSGATQECQDINECEQPGVCSGGQCTNTEGSY *:*::::***: **************************
008999 035806 Q28019 Q14767	HCECDRGYIMVRKGHCQDINECRHPGTCPDGRCVNSPGSYTCLACEEGYVGQSGSCVDVN HCECDQGYVMVRRGHCQDINECRHPGTCPDGRCVNSPGSYTCLACEEGYIGQSGNCVDMN HCECDQGYIMVRKGHCQDINECRHPGTCPDGKCVNSPGSYTCLPCEEGYRGQGGSCVDVN HCECDQGYIMVRKGHCQDINECRHPGTCPDGRCVNSPGSYTCLACEEGYRGQSGSCVDVN ****:**:**:**************************
O08999 O35806 Q28019 Q14767	ECLTPGICTHGRCINMEGSFRCSCEPGYEVTPDKKGCRDVDECASRASCPTGLCLNTEGS ECLTPGICAHGRCINMEGSFRCSCEPGYELTPDKKGCRDVDECASRASCPTGLCLNTEGS ECLTPGVCTHGTCINLEGSFRCSCEQGYEVTPDEKGCKDVDECAIRASCPTGLCLNTEGS ECLTPGVCAHGKCTNLEGSFRCSCEQGYEVTSDEKGCQDVDECASRASCPTGLCLNTEGS ******* * * : * * * : * * * * : * * * *
O08999 O35806 Q28019 Q14767	FTCSACQSGYWVNEDGTACEDLDECAFPGVCPTGVCTNTVGSFSCKDCDQGYRPNPLGNR FTCSACQSGYWVNEDGTACEDLDECAFPGVCPTGVCTNTVGSFSCKDCDRGFRPSPLGNS FTCSACESGYWVNEDGTACEDLDECAFPGVCPSGVCTNTAGSFSCRDCEAGVQPSALGHT FACSACENGYWVNEDGTACEDLDECAFPGVCPSGVCTNTAGSFSCKDCDGGYRPSPLGDS *:****:.******************************
O08999 O35806 Q28019 Q14767	CEDVDECEGPQSSCRGGECKNTEGSYQCLCHQGFQLVNGTMCEDVNECVGEEHCAPHGEC CEDVDECEGPQNSCLGGECKNTDGSYQCLCPQGFQLANGTVCEDVDECVGEEHCAPHGEC CEDVDECEDPQSSCLGGECKNTAGSYQCLCPPGFQLANGTVCEDVDECVGEEYCAPRGEC CEDVDECEDPQSSCLGGECKNTVGSYQCLCPQGFQLANGTVCEDVNECMGEEHCAPHGEC ************************************
O08999 O35806 Q28019 Q14767	LNSLGSFFCLCAPGFASAEGGTRCQDVDECAATDPCPGGHCVNTEGSFSCLCETASFQPS LNSPGSFFCLCAPGFASAEGGTRCQDVDECATTEPCLGGHCVNTEGSFNCLCETG-FQPA LNSHGSFFCLCADGFVSADGGTSCQDVDECAVTDRCVGGQCVNTDGSFNCVCETG-FQPS LNSHGSFFCLCAPGFVSAEGGTSCQDVDECATTDPCVGGHCVNTEGSFNCLCETG-FQPS *** ******* ** ******* **************
O08999 O35806 Q28019 Q14767	PDSGECLDIDECEDREDPVCGAWRCENSPGSYRCILDCQPGFYVAPNGDCIDIDECANDT PDSGECVDIDECANDT PESGECVDIDECEDLGEPICGAWRCENSPGSYRCVLGCQPGFHMAPTGDCIDIDECANDT PESGECVDIDECEDYGDPVCGTWKCENSPGSYRCVLGCQPGFHMAPNGDCIDIDECANDT *:**
O08999 O35806 Q28019 Q14767	VCGNHGFCDNTDGSFRCLCDQGFETSPSGWECVDVNECELMMAVCGDALCENVEGSFLCL VCGNHGFCDNTDGSFRCLCDQGFETSPSGWECVDVNECELMLAVCGDALCENVEGSFLCL VCGSHGFCDNTDGAFRCLCDQGFETSPSGWDCVDVNECELMLAVCGAALCENVEGSFLCL MCGSHGFCDNTDGSFRCLCDQGFEISPSGWDCVDVNECELMLAVCGAALCENVEGSFLCL :**.**********************************
O08999 O35806 Q28019 Q14767	CASDLEEYDAEEGHCRPRVAGAQRIPEVRTEDQAPSLIRMECYSEHNGGPPCSQILGQNS CASDLEEYDAEEGHCRPRVAGAQRIPEVPTEEQAAGLTGMECYAEHNGGPPCSQILGQNS CASDLEEYDAQEGRCRPRGAGGPSVPEARPGAHPPGPVRMECYSGQKDQTPCSSLLGRNT CASDLEEYDAQEGHCRPRGAGGQSMSEAPTGDHAPAPTRMDCYSGQKGHAPCSSVLGRNT ************************************
O08999 O35806	TQAECCCTQGARWGKACAPCPSEDSVEFSQLCPSGQGYIPVEGAWTFGQTMYTDADECVL TQAECCSTQGARWGETCDPCPSEDSVEFSBLCPSGQGYIPVEGAWTFGQAMYTDADECIL

Rec'd PCT/PTO 23 DEC 2004 PCT/EP2003/007/069 2 2 8

Q28019 Q14767	TQAECCCTQGTGWGDACDLCPDEDSVEFSEICPSGKGYIPVEGAWMFGQTTYTDADECVM TQAECCCTQGATWGDACDLCPSEDSAEFSEICPSGKGYIPVEGAWTFGQTMYTDADECVI ***** **: **: **.** **.***::***:********
O08999 O35806 Q28019 Q14767	FGPALCQNGRCSNIVPGYICLCNPGYHYDASSRKCQDHNECQDLACENGECVNQEGSFHC FGPALCQNGRCLNTVPGYICLCNPGYHYDAVSRKCQDHNECQDLACENGECVNTEGSFHC FGPGLCRNGRCLNTVPGYICLCNPGYHYNAASRKCEDHDECQDMACENGECVNTEGSFHC FGPGLCPNGRCLNTVPGYVCLCNPGFHYDASHKKCEDHDECQDLACENGECVNTEGSFHC ***.** *** * *** * ****:***************
O08999 O35806 Q28019 Q14767	LCNPPLTLDLSGQRCVNTTSSTEDFPDHDIHMDICWKKVTNDVCSQPLRGHHTTYTECCC FCSPPLILDLSGQRCVNSTSSSEDFPDHDIHMDICWKKVTNDVCSQPLRGHHTTYTECCC FCSPPLTLDLSQQRCVNSTSGVEDLPDHDIHMDICWKRVTNYVCSHPLHGRRTTYTECCC FCSPPLTLDLSQQRCMNSTSSTEDLPDHDIHMDICWKKVTNDVCSEPLRGHRTTYTECCC :* *** *** *** *** *** *** **** ****
O08999 O35806 Q28019 Q14767	QDGEAWSQQCALCPPRSSEVYAQLCNVARIEAERGAGIHFRPGYEYGPGLDDLPENLYGP QDGEAWSQQCALCPPRSSEVYAQLCNVARIEAEREAGIHFRPGYEYGPGPDDLPETLYGP QDGEAWSQQCALCPPRSSEVYAQLCNVARIEAEREAGIHFRPGYEYSPGPDDLHYSLYGP QDGKAWSQQCALCPPRSSEVYAQLCNVARIEAEREAGVHFRPGYEYGPGPDDLHYSIYGP
008999 035806 Q28019 Q14767	DGAPFYNYLGPEDTAPEPPFSNPASQPGDNTPVLEPPLQPSELQPHYLASHS
008999 035806 Q28019 Q14767	EPPASFEGLQAEECGILNGCENGRCVRVREGYTCDCFEG
008999 035806 Q28019 Q14767	FQLDAPTLACVDVNECEDLNGPARLCAHGHCENTEGSYRCHCSPGYVAEPGPPHCAAKE FQLDTALMACVDVNECEDLNGAARLCAHGHCENTEGSYRCHCSPGYVAEPGPPHCAAKE FQLDTAHMACVDVNECDDLNGPAALCVHGHCDNTEGSYRCHCLPGYVAEAGPPHCTAKE FQLDAAHMACVDVNECDDLNGPAVLCVHGYCENTEGSYRCHCSPGYVAEAGPPHCTAKE ****: :******:************************